

AMENDMENTS TO THE CLAIMS**RECEIVED
CENTRAL FAX CENTER****SEP 12 2006**

Please cancel claims 2 – 10.

Please amend claim 1 as indicated in the listing below.

LISTING OF CLAIMS

1. **(Currently Amended)** A peristaltic pump for use in ophthalmic surgery comprising:
 - a housing;
 - a pump head having a plurality of rollers;
 - a backing plate attached to the housing;the pump head for causing the rollers to rotate about a central axis of the pump head, such that the rollers and backing plate cooperate to pinch a length of surgical tubing and peristaltically pump fluids from a surgical site to a collection bag; and wherein [at least one of] the pump head and [backing plate] is moveable for less than one second away from the backing plate from a tubing pinched position to a tubing vent position while the rollers are rotating [during use of the pump], such that the tubing is vented by removing the pinch between the rollers and the backing [place] plate.
2. **(Cancelled)** The invention of claim 1, wherein the tubing vent position is held for less than 1 second.

- 3. (Cancelled)** A peristaltic pump for use in ophthalmic surgery comprising:
- a housing;
 - a pump head having a plurality of rollers;
 - a length of surgical tubing for engaging the rollers, such that as the pump head rotates, aspirant is peristaltically pumped through the tubing; and
- wherein the pump head is moveable during operation of the pump from a tubing engaged position to a tubing vent position, such that the tubing is vented by the movement of the pump head.
- 4. (Cancelled)** The invention of claim 3, wherein the tubing vent position is held for less than 1 second.
- 5. (Cancelled)** A method for venting a peristaltic pump comprising the steps of:
- providing a housing including a backing plate;
 - rotating a plurality of rollers about a central axis of a pump head held within the housing;
 - pinching a length of tubing between the rollers and the backing plate to peristaltically pump aspirant through the tubing; and
 - moving one of the pump head and the backing plate from a tubing pinched position to a tubing vent position, such that the tubing is vented by removing the pinch between the rollers and the backing plate.

- 6. (Cancelled)** The method of claim 5, further including the step of holding the vent position for less than 1 second.
- 7. (Cancelled)** A method for venting a peristaltic pump comprising the steps of:
- providing a housing;
 - rotating a plurality of rollers about a central axis of a pump head;
 - engaging a length of surgical tubing, such that as the pump head rotates the rollers aspirant is peristaltically pumped through the tubing; and
 - translating the pump head while the rollers are rotating from a tubing engaged position to a tubing vent position, such that the tubing is vented by the translation of the pump head.
- 8. (Cancelled)** The method of claim 6, further including the step of holding the vent position for less than 1 second.
- 9. (Cancelled)** A peristaltic pump for use in ophthalmic surgery comprising:
- a housing;
 - a pump head having a plurality of rollers;
 - a length of surgical tubing for engaging the rollers, such that as the pump head rotates, aspirant is peristaltically pumped through the tubing by the rollers pinching closed a section of the tubing; and
 - wherein the pinch closing a section of tubing is removed during operation of the pump, such that the tubing is vented by the removal of the pinch.

- 10. (Cancelled)** The invention of claim 8 wherein the pinch is removed for less than 1 second.